

I CLAIM:

1. A cutting mechanism minute adjustment device for stone cutter comprising:

a framed base having a hollow interior support arm projected upward from a front left corner which includes a U-shaped slit in a central top of an outer wall, a first screw hole in a central middle portion of said wall and a sustaining plate inserted into said support arm including a transverse portion on top and a second screw hole in a central middle portion engaged with the first screw hole and secured by a first screw;

a cutting mechanism having a circular blade on a right side connected of an axis of motor inside said cutting mechanism, a pair of third screw holes and rectangular receiving space formed spaced apart in an underside adjacent left side thereof and a fourth screw hole in a left side communicating with said rectangular receiving space which wraps onto said support arm of said framed base with a L-shaped adjustable plate engaged therebetween, said L-shaped adjustable plate having a pair of adjustable slots spacedly and alternately form and respectively engaged with the pair third screw holes under said cutting mechanism and releasably secured by a pair of second screws and a rectangular through hole in the body for passing through said support arm;

25 a look having a threaded shank on front engaged into said

fourth screw hole of said cutting mechanism and said U-shaped slit of said support arm and stopped against a top of the transverse portion of said sustaining plate with a washer disposed therbetween and a swivel handle on a lateral side 5 thereof;

whereby, slides said L-shaped adjustable plate left and/or rightward, said cutting mechanism together with said circular blade will move up and down to adjust said blade to be exactly vertical.

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